AMENDMENTS TO THE CLAIMS

Claims 1-11. (Cancelled)

12. (Currently Amended) A method for dissolving a gas or a gas mixture in a liquid in which the liquid is introduced into a chamber (6) via an inlet (2), in connection with which an eddy movement is created in the chamber for mixing the gas and liquid, and in which the gas is introduced into the liquid before the liquid is introduced into the chamber, after which the liquid with the dissolved gas can be removed via an outlet (4),

_____wherein the liquid is introduced into the chamber (6) tangentially creating an eddy rotating about a mainly horizontal axis in a mainly cylindrical chamber shaped in such a way that essential pressure loss in the chamber is avoided and where the pressure of the liquid is 0.3 to 1 bar, where the liquid with dissolved gas is supplied to a tank from the outlet (4) arranged tangentially to the chamber (6) via pipes (7, 8) and nozzles (10) submerged in the fluid in the tank, where the pressure is released.

13. (Previously Presented) A method in accordance with claim 12, wherein the eddy movement is such that the mixture has a helical movement.

14. (Previously Presented) A method in accordance with claim 12, wherein the liquid is introduced via a mainly horizontal inlet (2).

15. (Previously Presented) A method in accordance with claim 12, wherein the gas is oxygen or carbon dioxide.

16. (Previously Presented) A method in accordance with claim 12, wherein the liquid is fresh water and/or salt water.

17. (Cancelled)

18. (Currently Amended) Equipment for dissolving a gas or a gas mixture in a liquid, comprising a chamber (6) with an inlet (2) for liquid and gas (3) and an outlet (4) for liquid with dissolved gas,

_____wherein the chamber (6) is cylindrical around a mainly horizontal axis and where the inlet (2) is arranged tangentially in relation to the chamber (6) and where the outlet (4) of the chamber (6) is arranged tangentially in relation to the chamber and is connected to a jet pipe (8) with nozzles (10) adapted to be submerged in liquid, where the liquid with dissolved gas is supplied to a tank via the pipe (8) and the nozzle (10), and where the equipment is placed outside the tank~~for supply of liquid with dissolved gas to a tank~~.

19. (Previously Presented) Equipment in accordance with claim 18, wherein the inlet (2) is located mainly along a horizontal axis.

20. (Cancelled)

21. (Previously Presented) Equipment in accordance with claim 18, wherein the outlet (4) extends vertically upwards.

22. (Currently Amended) Equipment in accordance with claim 18, wherein the inlet (2) and outlet (4) of the ~~chamber is~~chamber are of such a dimension that they do not cause essential pressure loss.